**LEVEL FOUR HOMEWORK**

**DUE 3RD JUNE 2010**

**Spelling**

comets, meteorites, solar, lunar, eclipse, seasons, Autumn, Greenwich, longitude, latitude

Write out your spelling words in 3 columns in reverse alphabetical order.

Explain what longitude and latitude mean. Do not just copy a dictionary meaning. Put it into you own words.

What does Greenwich have to do with time? (Answer in a proper sentence)

**Reading**

Make sure you are reading for 15 minutes each night. Please make sure you are getting your sheet signed at the back of your book each time you read. We expect at least 9 reading entries this fortnight.

**Writing**

When you see this picture, think about 3 different writing genres that you could use.

Write them below and give a title for your piece of writing.

1.

2.

3.

C:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0215086.wmf

**Integrated Studies**

Draw pictures below to show what a lunar eclipse and a solar eclipse are. You must use coloured pencils.

**LUNAR ECLIPSE**

**SOLAR ECLIPSE**

**Maths**

Write out your 12 times tables in random order.

**Challenge (Year 6’s)**

Write out your 12 times tables in random order to 20 times 12.

Complete the following activities on this sheet.

Find 5 everyday examples of fractions in your home.

1.

2.

3.

4.

5.

Write 2 equivalent fractions for each fraction below.

1. ½ 4. ¾

2. ¼ 5. 5/6

3. 1/3 6. 3/8

Convert the following fractions to decimals and percentages.

1. ½ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_%

2. ¾ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_%

3. 4/5 \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_%

4. 7/10 \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_%

5. 3/8 \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_%

How many minutes is 11/12 of a clock? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What fraction is 45 minutes in an hour? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How many minutes is 5/6 of a clock? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What fraction is 35 minutes in an hour? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Simplify these fractions 6/10 \_\_\_\_\_\_\_\_ 14/20 \_\_\_\_\_\_\_\_ 7/35 \_\_\_\_\_\_\_\_

26/40 \_\_\_\_\_\_\_\_ 6/14 \_\_\_\_\_\_\_\_\_ 8/12 \_\_\_\_\_\_\_\_ 6/8 \_\_\_\_\_\_\_\_\_ 4/16 \_\_\_\_\_\_\_\_\_

Change to mixed numbers 15/4 \_\_\_\_\_\_\_\_ 9/8 \_\_\_\_\_\_\_\_\_ 11/3 \_\_\_\_\_\_\_\_\_